



Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 1.8 cu.ft

V(total) = 2.126 cu.ft

Fb = 31 Hz

QL = 7

F3 = 27.34 Hz

Fill = none

--Vents--

No. of Vents = 1

Vent shape = round

Vent ends = two flared

Dv = 4 in

Lv = 18.18 in

Driver Properties

--Description--

Name: Brahma 12 NEW

Type: Standard one-way driver

Company: Adire Audio

Comment: updated 11/16/19

Frame: Cast frame.

Voice Coil: 3 in diameter.

--Configuration--

No. of Drivers = 1

Dual voice coils = parallel

--Mechanical Parameters--

Fs = 24.84 Hz

Qms = 4.89

Vas = 51.82 liters

Cms = 0.157 mm/N

Mms = 261.5 g

Rms = 8.346 kg/s

Xmax = 27.32 mm

Xmech = 42 mm

P-Dia = 247.8 mm

Sd = 481.7 sq.cm

P-Vd = 1.35 liters

--Electrical Parameters--

Qes = 0.382

Re = 0.908 ohm

Le = 0.75 mH

Z = 1 ohm

BL = 9.855 Tm

Pe = 1000 watts

--Electromech. Parameters--

Qts = 0.354

1-W SPL = 84.1 dB

fractions

1/16	1/8	3/16	1/4	5/16	3/8	7/16	1/2	9/16	5/8	11/16	3/4	13/16	7/8	15/16
0.0625	0.1250	0.1875	0.2500	0.3125	0.3750	0.4375	0.5000	0.5625	0.6250	0.6875	0.7500	0.8125	0.8750	0.9375

decimal equivalents



Wiring Diagram







